

Mirae Asset Securities Co., Ltd.

SUSTAINABILITY BOND ANNUAL REPORTING



Mirae Asset's ESG Policy Framework

Overview of ESG Policy Framework

- Mirae Asset Securities Co., Ltd. ("Mirae Asset") is committed to adopting its ESG Policy Framework throughout the entire business lifecycle from product development to sales, customer care, investment, advisory and asset management. Mirae Asset aims to fulfill its environmental and social responsibilities by providing financial solutions that promote sustainability and shared growth
- Aligning ESG policy Framework to UN Sustainability Development Goals, Mirae Asset will actively respond to climate change, and pursue social inclusion while faithfully carrying out its role as a Korea's leading investment company

ESG Management Mission	We are committed to pioneering a sustainable future through finance with a clear understanding of our social roles and responsibilities		
2025 Goal	Reach KRW10 trillion in sustainable finance⁽¹⁾		
Focus Areas	Accountability & Governance	Climate Engagement & Net-Zero	Inclusive Growth
Strategic Priorities	Enhance responsible and ethical management	Expand carbon reduction finance	Expand inclusive finance
	Identify ESG investment opportunities and enhance risk management & engagement	Enlarge ESG-themed financial product balance	Bolster the accessibility of financial services for underprivileged community
	Commit to and comply with global initiatives	Continuous issuance of sustainability bond	Develop social contribution engagement
UN SDGs			

ESG Governance



Roles & Responsibilities

- Oversees and monitor company-wide ESG policies and medium/long-term ESG strategies
- Discuss company-wide ESG policies and medium/long-term ESG strategies
- Review progress and issues related to ESG strategic tasks
- Led by ESG Implementation Team, Working Committee actively engage with Executive Committee regarding overall ESG tasks

Note: (1) 2020 baseline applied; cumulative amount for i) ESG investment and ii) advisory services, balance amount for iii) ESG bonds and iv) ESG financial products


Green, Social and Sustainability Bond Framework

Overview of Green, Social and Sustainability Bond Framework

- Mirae Asset intends to issue a series of Green, Social and Sustainability Bonds (“GSS Bonds”) to fulfill its economic, environmental and social responsibilities. GSS Bond Framework has been developed to facilitate transparency, disclosure, integrity and quality in Mirae Asset’s GSS Bonds for interested investors and stakeholders

✓ Use of Proceeds

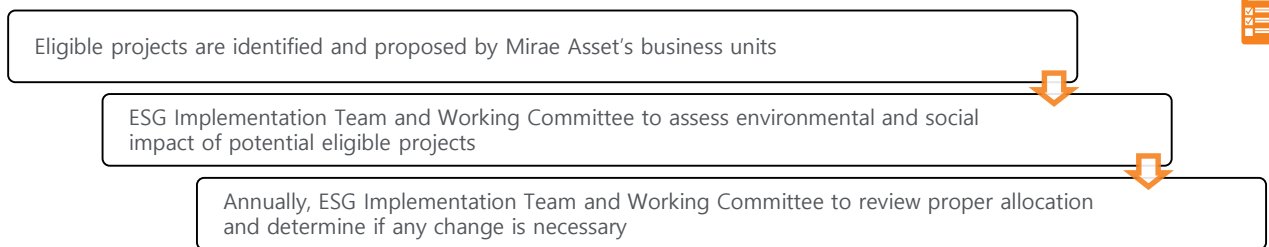
Green Eligible Categories

- Renewable Energy
 - Green Building
 - Sustainable Water and Wastewater Management
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Social Eligible Categories

- SME Financing and Microfinance
 - Affordable Housing
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✓ Project Evaluation and Selection



✓ Management of Proceeds

- Mirae Asset established GSS Bond Register (the “Register”) to record issuance terms and allocations, and track the use of bond proceeds. The proceeds will be deposited in the general funding accounts and earmarked for allocation to eligible assets
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✓ Reporting

- The reporting will be available to investors within approximately one year from the date of the bond issuance and yearly thereafter until the bond proceeds have been fully allocated
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Inaugural Issuances of Sustainability Bonds

Items	USD Sustainability Bond
Issue Date	April 29, 2019
Offering Size	US\$300mm
Tenor	3-Year
Format	Reg S only
Maturity Date	May 7, 2022
Coupon	3.125%
Listing	Singapore Exchange (“SGX”)
Use of Proceeds	Net proceeds will be allocated to Eligible Categories in accordance with Mirae Asset’s Green, Social and Sustainability Bond Framework
Awards	The Asset Country Awards 2019: Best FIG bond in South Korea

Allocation Report

Allocation of Net Proceeds from Sustainability Bond

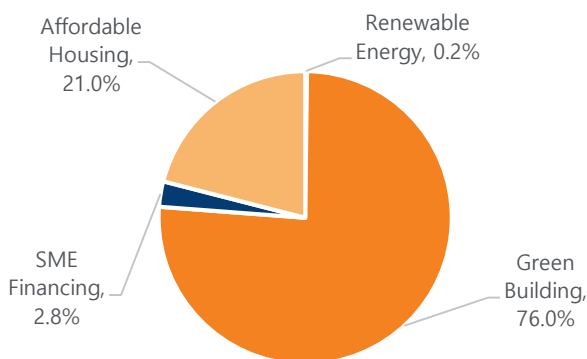
- Mirae Asset's sustainability bond related asset portfolio is composed of new or refinanced outstanding loans and investments that can be classified as one of eligible categories within Mirae Asset's Green, Social and Sustainability Bond Framework
- As of end of December 2020, the outstanding issuance amount of US\$300mm has been fully allocated to green and social eligible categories as summarized below

Allocation by Eligible Categories

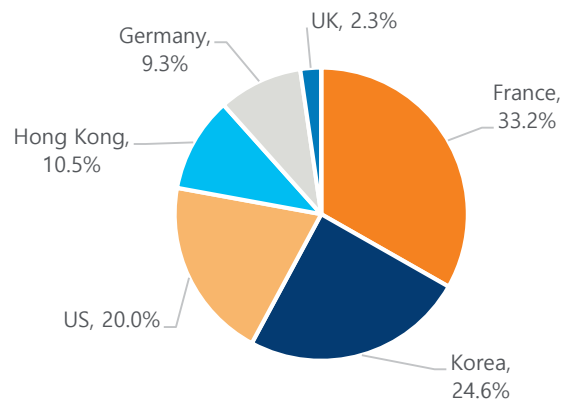
Categories	Projects	Amount (KRW mm)	Amount (US\$'000)	
Green	Renewable Energy	Investment in New Energy Generation Fund	700	643
	Green Building	Equity investment or loans to certified green buildings	248,001	227,942
	Subtotal		248,701	228,585
Social	SME Financing and Microfinance	Investment in start-ups, venture companies and SMEs	9,000	8,272
	Affordable housing	Investment in public housing projects	68,699	63,143
	Subtotal		77,699	71,415
Total		326,400	300,000	

Note: USD amount based on FX spot rate as of December 31, 2020.

Breakdown by eligible categories



Breakdown by country



Impact Report and Case Study

Notable Indicators by Projects⁽¹⁾

Renewable Energy

Project	Country	Generation Capacity (MW)	Annual Generation (MWh)	Estimated CO ₂ Avoided ⁽²⁾ (t CO ₂ /year)
Solar Power A	Korea	98.4	128,178	59,763
Solar Power B	Korea	99.0	148,852	69,402
Solar Power C	Korea	30.0	39,420	18,380
Solar Power D	Australia	162.0	432,380	201,597
Solar Power E	Japan	16.1	18,092	8,359
Solar Power F	Japan	25.3	28,006	12,939
Fuel Cell A	Korea	19.8	164,776	72,369
Fuel Cell B	Korea	39.6	319,144	140,166
Fuel Cell C	Korea	12.3	99,289	43,607
Wind Power A	Korea	58.8	131,347	61,241
Wind Power B	Korea	90.0	173,448	80,870
Wind Power C	Korea	100.08	245,000	114,231
Biomass A	Korea	100.0	768,000	670,102
Biomass B	Korea	29.9	183,347	276,582

Green Building



Project	Country	Gross Floor Area (m ²)	Green Building Certificate
Green building A	Korea	32,055	G-SEED 2
Green building B	France	69,500	BREEAM Excellent
Green building C	UK	18,873	BREEAM Excellent
Green building D	US	257,434	LEED Gold
Green building E	Hong Kong	79,170	LEED Platinum
Green building F	Germany	78,968	LEED Gold

Note: (1) Includes Mirae Asset's selected green and social projects only

(2) Estimated CO₂ Avoided: Calculated based on utilization rate under LTSA contract (applied P-75 ratio for the Wind Farm project). Formulas are available at Korea Institute of Energy Research (<https://www.kier.re.kr/rdcco2.jsp>) or Korea Energy Agency (http://ets.energy.or.kr/WEBSITE/WEB_offset/calculator_7.aspx). Each estimate is for project as a whole and is not reflective of Mirae Asset's ownership in projects

Impact Report and Case Study (Cont'd)

Notable Indicators by Projects⁽¹⁾

SME Financing and Microfinance

Project	Investment Period	Number of New Employees at Target Companies Since Investment
Fund A	Dec 2018 – Dec 2020	659 → 4,609 (3,950)
Fund B	Mar 2018 – Dec 2020	1,516 → 4,626 (3,110)

Affordable Housing⁽²⁾

Project	Country	Gross Floor Area (m ²)	Number of Target Households
Youth Housing A	Korea	27,605	438
Youth Housing B	Korea	86,905	977
Youth Housing C	Korea	23,966	338
Youth Housing D	Korea	68,447	913
Youth Housing E	Korea	13,732	299
Youth Housing F	Korea	16,146	299

Affordable Housing Case Study

Affordable housing for newly weds and younger generation

- In an effort to alleviate the backlash caused by continuous increase in housing and rental prices and the declining youth employment figures, Korean government's public housing policy is changing in favor of low income earners, young people, and other vulnerable groups
- Mirae Asset is supporting financing of affordable housing programs led by the City of Seoul, which provides rental housing to the young people and newly weds who do not own a house
 - 10 – 50% of total units are allotted to a more vulnerable group with low income at 50% of average market rental price
 - The remaining units will be rented out with an 8-year guaranteed discount rate at 70 – 95% of average market price
 - Eligible tenants for affordable housing will not be allowed car ownership due to the location's proximity to public transportation (such as subway stations)



Affordable housing near Yangjae subway station



Affordable housing near Bulgwang subway station



Affordable housing near Munjeong subway station

Note: (1) Includes Mirae Asset's selected green and social projects only
 (2) Gross floor area and number of units are subject to change as projects progress